

Plumber I

Essential Task Rating Results

1.	Install standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable building/facility operations/functions in accordance with the Uniform Plumbing Code and departmental guidelines.
2.	Oversee standard plumbing installations concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable building/facility operations/functions in accordance with the Uniform Plumbing Code and departmental guidelines.
3.	Assist with the installation of standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable building/facility operations/functions in accordance with the Uniform Plumbing Code and departmental guidelines.
4.	Maintain standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to ensure proper function and utility in accordance with the Uniform Plumbing Code and departmental guidelines.
5.	Inspect standard plumbing installations concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) to determine functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
6.	Assist with the inspection of standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) to determine functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
7.	Repair standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
8.	Oversee repairs to standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
9.	Assist with repairs to standard plumbing concerned with various applications (e.g., water, gas, sewage, steam, oil, fire) utilizing various hand tools and power equipment to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
10.	Maintain and repair sewer mains and building laterals utilizing various hand tools and power equipment to ensure proper sewer flow and utility function in accordance with the Uniform Plumbing Code and departmental guidelines.

11.	Oversee repairs to sewer mains and building laterals to ensure proper sewer flow and utility function in accordance with the Uniform Plumbing Code and departmental guidelines.
12.	Assist with repairs to sewer mains and building laterals utilizing various plumbing tools to ensure proper sewer flow and utility function in accordance with Uniform Plumbing Code and departmental guidelines.
13.	Repair water mains and interior and exterior water lines (i.e., for a variety of sizes and types of pipe such as galvanized, copper, plastic) utilizing various hand tools and power equipment to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
14.	Assist with repairs to water mains and interior and exterior water lines (i.e., for a variety of sizes and types of pipe such as galvanized, copper) utilizing various plumbing tools to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
15.	Oversee repairs to water mains and interior and exterior water lines (i.e., for a variety of sizes and types of pipe such as galvanized, copper, plastic) utilizing various hand tools and power equipment to enable functionality and maximum efficiency in accordance with the Uniform Plumbing Code and departmental guidelines.
16.	Install and repair building plumbing fixtures (e.g., shower valves, urinals, faucets, water closets) within buildings/facilities utilizing various hand tools and power equipment in accordance with the Uniform Plumbing Code and departmental guidelines.
17.	Assist with installations and reparations to building plumbing fixtures (e.g., shower valves, urinals, faucets, water closets) within buildings/facilities utilizing various hand tools and power equipment in accordance with the Uniform Plumbing Code and departmental guidelines.
18.	Oversee the installation and repairs to building plumbing fixtures (e.g., shower valves, urinals, faucets, water closets) within buildings/facilities utilizing various hand tools and power equipment in accordance with the Uniform Plumbing Code and departmental guidelines.
19.	Install and repair gas lines, water heaters, and other gas appliances utilizing hand tools and power equipment to ensure proper flow of heat and gas into buildings/facilities.
20.	Assist with installations and repairs to gas lines, water heaters, and other gas appliances utilizing hand tools and power equipment to ensure proper flow of heat and gas into buildings/facilities.
21.	Oversee installations and repairs to gas lines, water heaters, and other gas appliances utilizing hand tools and power equipment to ensure proper flow of heat and gas into buildings/facilities.
22.	Modify pipe (i.e., by measuring, cutting, threading, bending) to meet the required angle using hand tools or power equipment (e.g., pipe cutters, pipe-threading machines, pipe-bending machines) to perform plumbing tasks in compliance with the Uniform Plumbing Code and departmental guidelines.

23.	Assist with modifying pipe (i.e., by measuring, cutting, threading, bending) to meet the required angle using hand tools and power equipment (e.g., pipe cutters, pipe-threading machines, pipe-bending machines) to complete plumbing tasks in compliance with the Uniform Plumbing Code and departmental guidelines.
24.	Oversee pipe modifications to ensure plumbing tasks are performed in compliance with the Uniform Plumbing Code and departmental guidelines.
25.	Test pipes or plumbing fixtures by filling them with water or air to observe pressure gauges and/or detect and locate leaks.
26.	Oversee the testing of pipes or plumbing fixtures to determine whether pressure gauges and/or leaks indicate a problem.
27.	Assemble pipe sections, tubing, or fittings using a variety of materials and tools (e.g., couplings, clamps, bolts, glues, caulking, soldering, brazing, welding equipment) for use in plumbing installations in compliance with the Uniform Plumbing Code and departmental guidelines.
28.	Assist with the assembly of pipe sections, tubing, or fittings using a variety of materials and tools (e.g., couplings, clamps, bolts, glues, caulking, soldering, brazing, welding equipment) for use in plumbing installations in compliance with the Uniform Plumbing Code and departmental guidelines.
29.	Oversee the assembly of pipe sections, tubing, or fittings used in plumbing installations to ensure compliance with the Uniform Plumbing Code and departmental guidelines.
30.	Direct apprentices engaged in pipe cutting, preassembly, or installation of plumbing systems or components to ensure quality and compliance with departmental guidelines and the Uniform Plumbing Code.
31.	Cut openings in structures to accommodate pipes or pipe fitting, using hand tools or power equipment in accordance with the Uniform Plumbing Code and departmental guidelines.
32.	Oversee the cutting of openings into structures that accommodate pipes or pipe fittings to ensure compliance with the Uniform Plumbing Code and departmental guidelines.
33.	Install underground storm, sanitary, or water piping systems, extending piping as needed to connect fixtures and plumbing in compliance with the Uniform Plumbing Code and departmental guidelines.
34.	Assist with the installation of underground storm, sanitary, or water piping systems, extending piping as needed to connect fixtures and plumbing in compliance with the Uniform Plumbing Code.
35.	Oversee the installation of underground storm, sanitary, or water piping systems to ensure compliance with the Uniform Plumbing Code and departmental guidelines.
36.	Operate various types of equipment (i.e., various snaking tools, power snakes, jetting equipment) to clear/clean blockages in plumbing systems in compliance with departmental guidelines and the Uniform Plumbing Code.
37.	Retrieve broken machine cables and repair damage to sewer lines using hand tools and power equipment in compliance with the Uniform Plumbing Code and departmental guidelines.
38.	Monitor plumbing installations to detect and resolve any public safety issues in accordance with the Uniform Plumbing Code and departmental guidelines.

39.	Prepare reports (e.g. sewer spills, backflow, flow charts, usage) for distribution to various entities (e.g., departments, county, utility company) in accordance with departmental guidelines.
40.	Assist with the preparation of reports (e.g. sewer spills, backflow, flow charts, usage) for distribution to various entities (e.g., departments, county, utility company) in accordance with departmental guidelines.
41.	Send out requests to calibrate sewer meters for county and utility services in order to ensure the functionality/reliability of the usage measurements in compliance with departmental guidelines.
42.	Create records of plumbing activities (e.g., logs, field notes, valve and pressure readings, water meters) taken to resolve work orders in accordance with departmental guidelines.
43.	Create/process work orders for dissemination to staff in order to resolve/address plumbing issues and provide resolutions in compliance with the Uniform Plumbing Code and departmental guidelines.
44.	Compile records of resolved work orders for reporting purposes in accordance with departmental guidelines.
45.	Maintain Plumbing Shop as a safe and clean environment for staff in accordance with departmental guidelines.
46.	Ensure that all tools and supplies are accounted for and stored properly in accordance with departmental guidelines.
47.	Maintain plumbing shop inventories and records/reports of repair parts and supplies for plumbing activities/projects in accordance with departmental guidelines.
48.	Assist with the maintenance of plumbing shop inventories and the records/reports of repair parts and supplies for plumbing activities/projects in accordance with departmental guidelines.
49.	Maintain tools, equipment, and vehicles to ensure safety and utility in accordance with departmental guidelines.
50.	Maintain safety equipment inventory (e.g., goggles, first-aid kit, latex gloves, personal protective equipment) to ensure availability for staff.
51.	Lead, instruct, and work with crews on the installation, repair, and maintenance of plumbing systems in buildings/facilities to ensure efficiency , quality standards, and adherence to deadlines.
52.	Conduct meetings for discussion of current issues, safety concerns, procedural changes, etc. to ensure staff is fully informed.
53.	Consult with skilled tradesmen (e.g., carpenters, engineers, painters, electricians, other plumbers) on building/facility projects to discuss parameters, provide advice, and coordinate for completion within quality standards and timelines.
54.	Create estimates for requisitions of material and supplies necessary to complete plumbing projects in accordance with departmental guidelines.
55.	Study building plans and inspect structures to assess material and equipment needs for pipe installations and to plan installation around obstructions in compliance with the Uniform Plumbing Code and departmental guidelines.
56.	Locate and mark the position of pipe installations, connections, passage holes, or fixtures in structures, using measuring instruments such as rulers or levels in compliance with the Uniform Plumbing Code and departmental guidelines.

57.	Review blueprints, building codes, or specifications to determine work details or scope of projects.
58.	Review plumbing codes with respect to all installations to ensure they are in accordance with current codes.
59.	Retrieve Material Safety Data Sheet to ensure safety precautions and safe handling procedures are observed during the completion of projects or plumbing activities.
60.	Create rough sketches and estimate labor and materials needed for the completion of plumbing projects.
61.	Consult with project requestors (e.g., tenants of departments, upper management) to discuss strategic planning and scope of projects in accordance with departmental guidelines.
62.	Attend training seminars/classes on plumbing techniques and installation requirements in accordance with departmental guidelines.
63.	Attend training (e.g., safety, procedural) to remain current on departmental guidelines.
64.	Provide training to staff to maintain environments that are conducive for plumbing activities.
65.	Provide direction on assignments and coordinate materials needed for projects to ensure timely and efficient completion.
66.	Develop strategic plan for long-term and short-term projects (i.e., materials needed, possible problems/delays, safety precautions, notifications to internal/external stakeholders) to ensure timely and efficient completion.
67.	Conduct inspection of staff tools to document the availability and condition of the tools in accordance with departmental guidelines.